

Claims:

1. A herbicidal composition, comprising an effective amount of one or more post-emergence herbicides and an amount of a carrier material selected from the group consisting of fullers earth, aerogels, high-molecular-weight polyglycols and polymers based on acrylic acid, methacrylic acid and copolymers thereof.
2. The herbicidal composition as claimed in claim 1, comprising
- a) from 0.15 to 48% by weight of one or more herbicides,
 - b) from 2 to 90% by weight of a carrier material and
 - c) from 0 to 97% by weight of a solvent.
3. The herbicidal composition as claimed in claim 1 or 2, wherein the herbicide is from the group of the herbicides with foliar action.
4. The herbicidal composition as claimed in any of claims 1 to 3, wherein the herbicide is from the group consisting of bilanafos, diquat, glufosinate-ammonium, glyphosate and paraquat.
5. The herbicidal composition as claimed in any of claims 1 to 4, wherein the herbicide is glufosinate-ammonium.
6. The process as claimed in any of claims 1 to 5, wherein the carrier materials are from the group consisting of aerogels, high-molecular-weight polyglycols and polymers based on acrylic acid, methacrylic acid and copolymers thereof.
7. The herbicidal composition as claimed in any of claims 1 to 6, which additionally comprises at least one substance from the group consisting of pre-emergence herbicides, plant growth regulators, fungicides, insecticides, safeners, nutrients, seed dressings and fertilizers.
8. The herbicidal composition as claimed in any of claims 1 to 7, which additionally comprises at least one additive from the group consisting of surfactants, wetting agents, emulsifiers, adjuvants, ammonium salts, preservatives, colorants, antifoams, tackifiers, solvents, buffer systems and UV stabilizers.

9. The herbicidal composition as claimed in claim 8, wherein the additive is from the group consisting of Genapol LRO[®], ammonium sulfate and ammonium nitrate.
10. The use of herbicidal compositions as claimed in any of claims 1 to 9 for controlling undesirable harmful plants, which comprises applying the compositions by the pre-emergence method.
11. The use of herbicidal compositions as claimed in claim 10, wherein the compositions are used in crops of useful plants which are tolerant to the herbicidally active compounds contained in the compositions.
12. The use of herbicidal compositions as claimed in claim 11, wherein the compositions are used in crops of genetically modified useful plants.
13. A method for controlling undesirable harmful plants, wherein the post-emergence herbicides are used in the form of a herbicidal composition as claimed in any of claims 1 to 9 by the pre-emergence method.

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